| INFORMATION DISCLOSURE STATEMENT | Atty Docket: | GCSD-1464 (51331) |
|---|---|---|
| | Serial No.: | 10/658,022 |
| | Applicant: | Cain et al. |
| | Filing Date: | September 9, 2003 |
| | Group: | |

## U.S. PATENT DOCUMENTS

| Examiner Initials | | Document Number | Date | Name | Class | Sub Class | Filing Date |
|---|---|---|---|---|---|---|---|
| KN | AA | 5,412,654 | 5/2/95 | Perkins | 370 | 94.1 | |
| | AB | 5,581,703 | 12/3/96 | Baugher et al. | 395 | 200.6 | |
| | AC | 5,884,174 | 3/16/99 | Nagarajan et al. | 455 | 436 | |
| | AD | 5,987,011 | 11/16/99 | Toh | 370 | 331 | |
| | AE | 6,189,033 | 2/13/01 | Jin et al. | 709 | 255 | |
| | AF | 6,216,006 | 4/10/01 | Scholefield et al. | 455 | 450 | |
| | AG | 6,304,556 | 10/16/01 | Haas | 370 | 254 | |
| | AH | 2001/0033556 | 10/25/01 | Krishnamurthy et al. | 370 | 329 | 1/18/01 |
| | AI | 6,335,927 | 1/1/02 | Elliot et al. | 370 | 352 | |
| | AJ | 2002/0018448 | 2/14/02 | Amis et al. | 370 | 255 | 4/24/01 |
| | AK | 6,349,091 | 2/19/02 | Li | 370 | 238 | |
| | AL | 6,377,548 | 4/23/02 | Chuah | 370 | 233 | |
| | AM | 6,385,174 | 5/7/02 | Li | 370 | 252 | |
| | AN | 6,396,814 | 5/28/02 | Iwamura et al. | 370 | 256 | |
| | AO | 2002/0082035 | 6/27/02 | Aihara et al. | 455 | 518 | 7/6/01 |
| | AP | 2002/0101822 | 8/1/02 | Ayyagari et al. | 370 | 235 | 11/30/00 |
| | AQ | 2002/0103893 | 8/1/02 | Frelechoux et al. | 709 | 223 | 1/29/02 |
| | AR | 6,449,558 | 9/10/02 | Bowman-Amuah | 703 | 21 | |
| | AS | 6,456,599 | 9/24/02 | Elliott | 370 | 254 | |
| | AT | 6,473,467 | 10/29/02 | Wallace et al. | 375 | 267 | |
| | AU | H2051 | 11/5/02 | Zhu et al. | 370 | 395.21 | |
| | AV | 6,493,759 | 12/10/02 | Passman et al. | 709 | 227 | |
| | AW | 6,501,741 | 12/31/02 | Mikkonen et al. | 370 | 310 | |
| | AX | 6,515,972 | 2/4/03 | Gage et al. | 370 | 328 | |
| | AY | 6,522,628 | 2/18/03 | Patel et al. | 370 | 230.1 | |
| KN | AZ | 6,535,498 | 3/18/03 | Larsson et al. | 370 | 338 | |

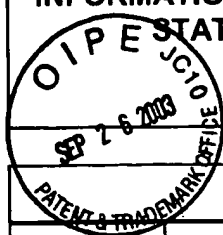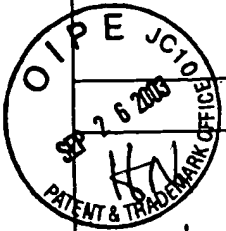| INFORMATION DISCLOSURE STATEMENT | Atty Docket:<br>Serial No.:<br>Applicant:<br>Filing Date:<br>Group: | GCSD-1464 (51331)<br>10/658,022<br>Cain et al.<br>September 9, 2003 |
|---|---|---|

## U.S. PATENT DOCUMENTS

| Examiner Initials | | Document Number | Date | Name | Class | Sub Class | Filing Date |
|---|---|---|---|---|---|---|---|
| | BA | 2003/0053424 | 3/20/03 | Krishnamurthy et al. | 370 | 316 | 8/7/01 |
| | BB | 2003/0067941 | 4/10/03 | Fall | 370 | 468 | 10/9/01 |

## FOREIGN PATENT DOCUMENTS

| | | Document Number | Date | Country | Class | Sub Class | Translation |
|---|---|---|---|---|---|---|---|
| | BC | | | | | | |

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|---|---|---|
| | BD | Zhu, *Medium Access Control and Quality-of-Service Routing for Mobile Ad Hoc Networks*, PhD thesis, Department of Computer Engineering, University of Maryland, College Park, MD, 2001 |
| | BE | Mirhakkak et al., *Dynamic Quality-of-Service for Mobile Ad Hoc Networks*, MITRE Corp., 2000 |
| | BF | Das et al., *Routing in Ad-Hoc Networks Using Minimum Connected Dominating Sets*, IEEE Int. Conf. On Commun. (ICC '97), 1997 |
| | BG | Das et al., *Routing in Ad-Hoc Networks Using a Spine*, IEEE Int. Conf. On Computer Commun. and Networks (IC3N '97), 1997 |
| | BH | Raghunathan et al., *Gateway Routing: A Cluster Based Mechanism for Recovery from Mobile Host Partitioning in Cellular Networks*, Proceedings of the 3rd IEEE Symposium on Application-Specific Systems and Software Engineering Technology (ASSET'00), 2000 |
| | BI | Chen et al., *Clustering and Routing in Mobile Wireless Networks*, Nortel Networks and Computer Science, SITE, University of Ottawa, (no date available) |
| | BJ | Krishna et al., *A Cluster Based Approach for Routing in Dynamic Networks*, ACM Computer Communications Review, 27(2), April 1997 |
| | BK | Chiang, *Routing in Clustered Multihop, Mobile Wireless Networks with Fading Channel*, Proceedings of IEEE SICON '97, April 1997, pp. 36-45 |
| | BL | Gerla, *Clustering and Routing in Large Ad Hoc Wireless Nets, Computer Science Department*, University of California, Los Angeles, Final Report 1998-99 for MICRO project 98-044 |
| | BM | Van Dyck et al., *Distributed Sensor Processing Over an Ad-Hoc Wireless Network: Simulation Framework And Performance Criteria*, Proceedings IEEE Milcom, Oct. 2001 |
| | BN | Lin et al., *Adaptive Clustering for Mobile Wireless Networks, IEEE Journal on Selected Areas in Communications*, 15(7), September 1997 |

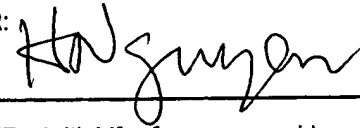| INFORMATION DISCLOSURE STATEMENT | Atty Docket: | GCSD-1464 (51331) |
|---|---|---|
| | Serial No.: | 10/658,022 |
| | Applicant: | Cain et al. |
| | Filing Date: | September 9, 2003 |
| | Group: | |

| | | OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.) |
|---|---|---|
| | BO | McDonald, *PhD. Dissertation Proposal: A Mobility-Based Framework for Adaptive Dynamic Cluster-Based Hybrid Routing in Wireless Ad-Hoc Networks*, University of Pittsburgh, 1999 |
| | BP | Royer et al., *A Review of Current Routing Protocols for Ad Hoc Mobile Wireless Networks*, IEEE Personal Communications, April 1999, pp. 46-55 |
| | BQ | Corson et al., *A Reservation-Based Multicast (RBM) Routing Protocol for Mobile Networks: Initial Route Constructions Phase*, ACM/I. 1, No. 4, 1995, pp. 1-39 |
| | BR | Xiao et al., *A Flexible Quality of Service Model for Mobile Ad Hoc Networks, IEEE VTC2000-spring*, Tokyo, Japan, May 2000 |
| | BS | Wu et al., *QoS Support in Mobile Ad Hoc Networks*, Computing Science Department, University of Alberta, (no date available) |
| | BT | Corson et al., *Mobile Ad Hoc Networking (MANET): Routing Protocol Performance Issues and Evaluation Considerations*, Network Working Group, Internet Engineering Task Force (IETF) MANET Working Group, Internet Draft, January 1999 |
| | BU | Haas et al., *The Bordercast Resolution Protocol (BRP) for Ad Hoc Networks*, Internet Engineering Task Force (IETF) MANET Working Group, Internet Draft, June 2001 |
| | BV | Haas et al., *The Interzone Routing Protocol (IERP) for Ad Hoc Networks*, Internet Engineering Task Force (IETF) MANET Working Group, Internet Draft, June 2001 |
| | BW | Haas et al., *The Intrazone Routing Protocol (IERP) for Ad Hoc Networks*, Internet Engineering Task Force (IETF) MANET Working Group, Internet Draft, June 2001 |
| | BX | Clausen et al., *Optimized Link State Routing Protocol*, Internet Engineering Task Force (IETF) MANET Working Group, Internet Draft, October 31, 2001 |
| | BY | Perkins et al., *Quality of Service in Ad hoc On-Demand Distance Vector Routing*, Internet Engineering Task Force (IETF) MANET Working Group, Internet Draft, July 2000 |
| | BZ | Park et al., *Temporally-Ordered Routing Algorithm (TORA) Versoin 1 Functional Specification*, Internet Engineering Task Force (IETF) MANET Working Group, Internet Draft, July 20, 2001 |
| | CA | Ogier et al., *Topology Broadcast Based on Reserve-Path Forwarding (TBRPF)*, Internet Engineering Task Force (IETF) MANET Working Group, Internet Draft, January 10, 2002 |
| | CB | Gerla et al., *Landmark Routing Protocol (LANMAR) for Large Scale Ad Hoc Networks*, Internet Engineering Task Force (IETF) MANET Working Group, Internet Draft, December 17, 2001 |
| | CC | Hu et al., *Flow State in the Dynamic Socurce Routing Protocol for Mobile Ad Hoc Networks*, Internet Engineering Task Force (IETF) MANET Working Group, Internet Draft, February 23, 2001 |
| | CD | Gerla et al., *Fisheye State Routing Protocol (FSR) for Ad Hoc Networks*, Internet Engineering Task Force (IETF) MANET Working Group, Internet Draft, December 17, 2001 |

| INFORMATION DISCLOSURE STATEMENT | Atty Docket:<br>Serial No.:<br>Applicant:<br>Filing Date:<br>Group: | GCSD-1464 (51331)<br>10/658,022<br>Cain et al.<br>September 9, 2003 |
|---|---|---|

| | | OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.) |
|---|---|---|
| | CE | Johnson et al., *The Dynamic Source Routing Protocol for Mobile Ad Hoc Networks (DSR)*, Internet Engineering Task Force (IETF) MANET Working Group, Internet Draft, November 21, 2001 |
| | CF | Perkins et al., *Ad hoc On-Demand Distance Vector (ADOV) Routing*, Internet Engineering Task Force (IETF) MANET Working Group, Internet Draft, November 9, 2001 |
| | CG | Chakrabarti et al., *"QoS Issues in Ad Hoc Wireless Networks"*, , IEEE Communications Magazine, (2/01), pp. 142-148 |
| | CH | Chen, *"Routing Support for Providing Guaranteed End-to-End Quality-of-Service,"* Ph.D. thesis, Univ. of Illinois at Urbana-Champaign, http://cairo.cs.uiuc.edu/papers/Scthesis.ps, 1999 |
| | CI | Jin et al., *A Hierarchical Routing Protocol for Large Scale Ad Hoc Network*, IEEE 1999, pages 379-385. |
| | CJ | Gerla et al., *Multicluster, Mobile, Multimedia Radio Network*, Wireless Networks I, 1995, pages 255-265. |

| EXAMINER: | DATE CONSIDERED: |
|---|---|
| | 12/16/05 |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.